



State of Ohio Environmental Protection Agency

Northeast District Office

2110 E. Aurora Road
Twinsburg, Ohio 44087-1969
(216) 425-9171
FAX (216) 487-0769

EPA Region 5 Records Ctr.



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George V. Voinovich
Governor

September 16, 1997

RE: Master Metals Site
Cuyahoga County
218-0501
Engineering Evaluation and Cost
Analysis (EE/CA) Workplan

Mr. Thomas Alcamo
Remedial Project Manager
United States Environmental Protection Agency
77 West Jackson Blvd. Mail Code SR-6J
Chicago, IL 60604-3590

Dear Mr. Alcamo:

The Engineering Evaluation and Cost Analysis (EE/CA) Workplan for the Master Metals Site, Cleveland, Ohio, was received by this office on August 13, 1997. After review, the Ohio EPA would like to offer the following comments:

- 1) Section 3., Item #2; The text indicates that Boring B-31 is located outside any facility operations and found 229 mg/kg of total lead at five feet of depth. The document points out that the area has been filled with slag at depths of ten feet, and this background level is attributable to inorganics in the slag. However, several samples indicate that off-site samples in near proximity to the site were characteristically hazardous. The Ohio EPA would like to recommend that additional sampling around the site be incorporated in the EE/CA Support Sampling Plan.
- 2) Site drainage ways should be clearly defined and sampling of the waterways completed to evaluate the effect of site contaminants that have left the site. The Cuyahoga river and Lake Erie are heavily used for recreational boating and fishing. The risk to humans and animals from site contaminants or bioaccumulation should be defined.
- 3) On July 14, 1993, Ecology and Environment, Inc., performed off-site soil sampling at the Valleyview apartments and nearby baseball field. The analytical results of soil samples indicated lead concentrations up to 1,850 mg/kg. This number is well above the recommended removal level of 500 mg/kg. Additional samples in this area could provide more detailed information of the amount of risk to residents or recreational users.

Please evaluate these comments for the up coming drafting of the EE/CA Support Sampling Plan. Should you have any further comments or questions, please feel free to contact me.

Sincerely,

Joseph E. Trocchio
Environmental Engineer
Division of Emergency and Remedial Response

JT.wmk

cc: Bob Princic, DERR, NEDO



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